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DATABASE LOG CAPTURE PROGRAM THAT PUBLISHES TRANSACTIONS TO MULTIPLE TARGETS TO HANDLE UNAVAILABLE TARGETS BY SEPARATING THE PUBLISHING OF SUBSCRIPTIONS AND SUBSEQUENTLY RECOMBINING THE PUBLISHING

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ABSTRACT OF THE DISCLOSURE

In a method, apparatus, and article of manufacture implementing the method for log-capture based replication, a mainline log reader publishes messages to a plurality of queues. The messages comprise changes for transactions extracted from a log. When one of the queues

10   becomes unavailable, a catch-up log reader is launched to read from the log and to publish messages comprising changes for the transactions extracted from the log by the catch-up log reader, to the unavailable queue. When the unavailable queue becomes available and the catch-up log reader reaches the end of the log, the publishing of the messages for that queue is transferred from the catch-up log reader to the mainline log reader. In another aspect of the

15   invention, the catch-up log reader is terminated.